

# ***Headquarters U.S. Air Force***

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***Integrity - Service - Excellence***

**Air and Space Operations Center  
(AOC) Weapon System Lead  
System Integrator (LSI) Industry  
Day**

**8 - 9 Sep 03**

**Lt Col Laurie Carpentier**

**PM, AOC WS LSI**

**781-271-8475**



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# *Overview*

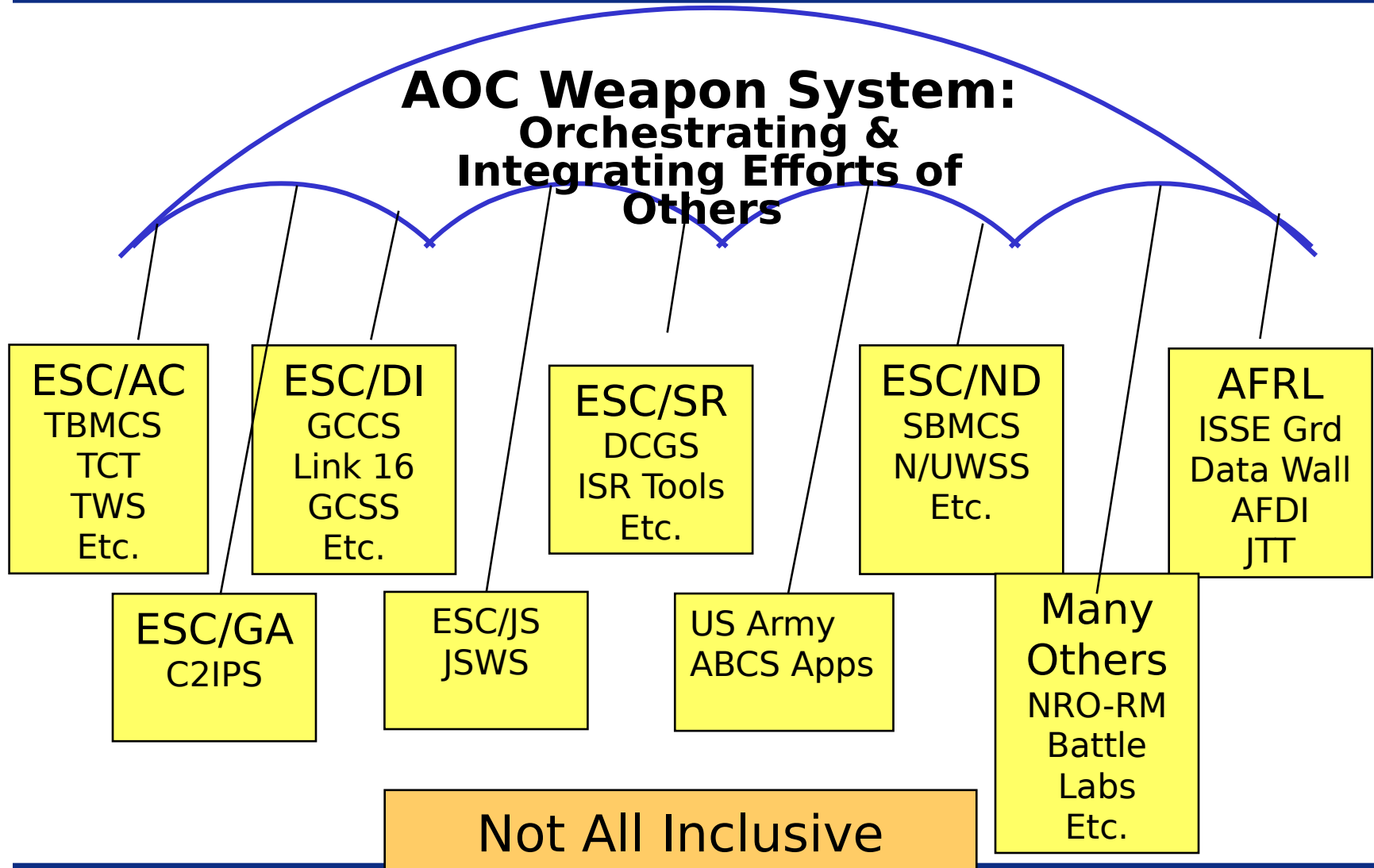
- **Block 10 Approach**
- **AOC WS LSI Goals**
- **Potential LSI Acquisition Strategy**
- **Organizational Conflict of Interest (OCI)**
- **Industry's Role**



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# AOC Weapon System Block 10 Approach

## AOC Weapon System: Orchestrating & Integrating Efforts of Others





# ***Block 10.1 System List***

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## **Capabilities**

- Improved ATO production & dissemination
- Common air picture
- Initial Formal Training Unit (FTU) infrastructure
- Initial Battlespace Visual.
- Initial TCT Capability
- Initial Plans Automation
- Initial ISR Management
- Limited Coalition Interop
- Transportable - limited deployability
- Improved M2M
- Initial Info Services Capability
- Airspace management
- Collaboration (chat)
- Comm/Info management

***Looking for Integrator, not developer***

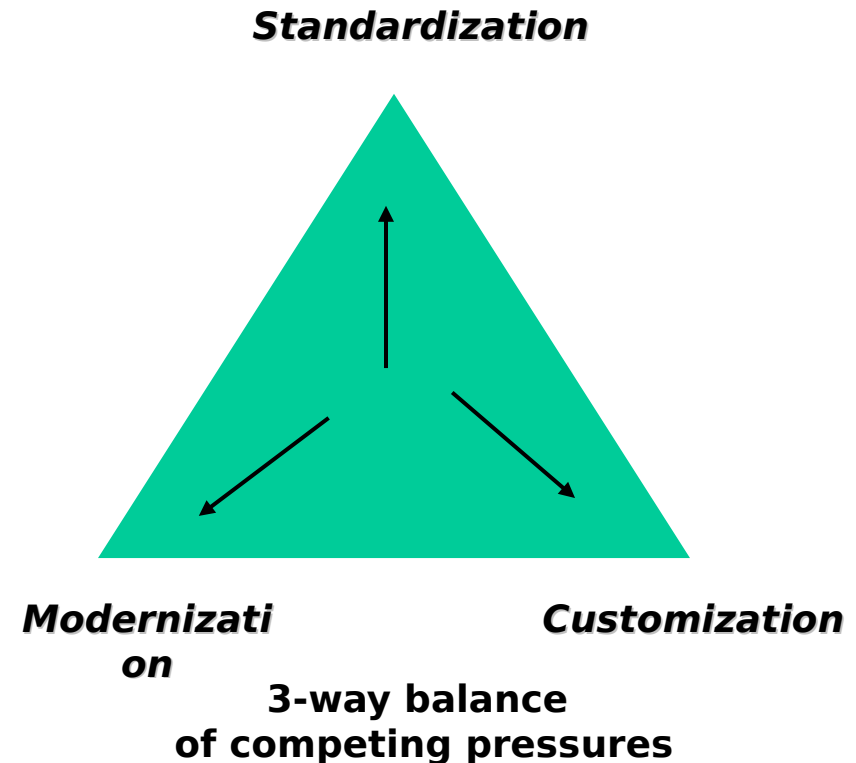
- IW/Space
- Air Mobility Coordination



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# AOC WS

- We will execute the CSAF's direction for the AOC WS with a two-pronged approach
  - **Standardize** - Accelerate IOC and FOC for Block 10.1 (AUAB config)
    - Three fielding activities started in FY03 (Congressional/OSD funded)
    - Timing of deliveries depends on funding stability
    - Current funding pushes one Falconer into FY06
    - Currently rescoping Training Suite Rqts w/ ACC and AFC2ISRC
  - **Modernize** to enable Air Force CONOPS via spiral development
    - Spirals defined and prioritized, development will begin in FY05
    - Functional AOCs (x5) deferred until FY08-09 due to funding



***LSI - Methodology and process to accommodate change***



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# ***AOC WS LSI Goals***

- **Integration / Modernization**
    - **Develop and implement an AOC that facilitates ease of info exchange in a Network Centric environment**
    - **Lower integration “touch time” required to achieve interoperable & integrated capabilities**
    - **Lower barriers for entry and exit of businesses into AOC BM/C2 market**
    - **Leverage existing govt investments, commercial technology, standards, and best practices**
    - **Minimize duplication of functionality and minimize functional gaps with in the AOC**
    - **Ensure the AOC is operationally efficient, scaleable for differing levels of conflict, and is continually improving**
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# **AOC WS LSI Goals (continued)**

- **Integration / Modernization / Training**
  - Increase the “value” of the AOC functionality
- **Modernization / Standardization / Sustainment**
  - Balance AOC modernization with AOC stability and sustainment
- **Modernization**
  - Infuse innovation in technology & operational methods leading to better speed and quality of capability fielding
  - Make it easy for all suppliers to collaboratively incorporate new functionality/capability into AOC, balancing customization with standardization
- **Fielding**
  - Provision AOC Materiel to specific locations in 4 different configurations (Falconer, Functional, Training and Innovation, and Training Suites)

***Improving the capability of Air & Space Battle  
Management***

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## **AOC LSI Strategy**



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# ***Four Major Areas of Effort***

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- **Integration**
  - **Development of architecture to support future growth and incorporation of new systems**
- **Modernization**
  - **Maintaining Config Control and ensuring system upgrades effectively operate in the AOC**
- **Fielding**
  - **Site surveys, install, check-out**
- **Sustainment**
  - **Site license procurement, hardware replacement**

***Refer to Concept Paper 2: “Goals for the AOC as a Weapon System” for additional details***



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# ***Potential Overarching Strategy***

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- **Choose an LSI via a two-phased rolling down select to**
  - **Reduce risk of choosing a contractor who does not have a robust integration/modernization approach**
  - **Provide contractors opportunity to observe actual fielding and operations while developing integration and modernization approach/methodology**



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# ***Two-Phased Rolling Down-Select***

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- **Phase 1: Down-select to multiple offerors who**
  - **Demonstrate innovative approach to integration and modernization of the AOC**
  - **Demonstrate ability to field and sustain the AOC**
- **Phase 2: Multiple offerors refine team's integration and modernization approach**
  - **Identify information architecture and integration path the team believes will provide the best option for future growth/change**
  - **Observe AOC Block 10.1 fielding and operation**



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# ***Products to be delivered***

- **Process papers that describe a methodology for achieving innovative integration**
- **Papers that describe integration techniques**
- **Proposal for entire LSI effort**
- **Integration scenario exercise**

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**OCI**



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# ***Organizational Conflict of Interest (OCI) - Definition***

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- **An Organizational Conflict of Interest (OCI) may result when factors create an *actual or potential* conflict of interest on a contract, or when the nature of the work to be performed on the contract creates an *actual or potential* conflict of interest on a future acquisition. In the latter case, some restrictions on future activities of the contractor may be required (FAR 9.5).**



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# ***OCI - Who needs to be concerned***

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- **Support contractors**
- **Product providers**



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# ***Required OCI Documentation***

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- **Listing of all current AF related contracts**
  - **Include Government POCs and phone number**
- **Organizational structure of company (or team of companies) including reporting structure**
- **Proposed OCI mitigation plan**
  - **Including but not limited to:**
    - **Proposed isolation of staff & organizations currently performing related work**
    - **Proposed changes on mgmt reporting chains**
    - **Prohibition of personnel transfer between/among affected and non-affected divisions**
    - **OCI training plan**
    - **OCI violation reporting procedures**
- **Submit to Contracting Officer for review**

**Reference FAR**

**9.5**





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# ***OCI - Bottomline***

- **Burden is on contractors to identify and propose elimination / mitigation**
- **Government team standing by to work on case by case basis**



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# ***What Can Industry Do to Help?***

- **Provide feedback on:**
  - **Proposed acquisition strategy**
  - **Goals for AOC as a Weapon System Concept Paper 2**
  - **Risk areas with our approach**
  - **Effective industry / Government communication**

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***We don't have all the answers yet,  
looking forward to dialog and Industry  
comments***